



SN-IPS8655YDR-Z30

5-inch 5MP 30x IR Network PTZ Camera



Key Features

- 1/2.8" progressive scan CMOS
- 30x optical zoom, 16x digital zoom
- Support face, human and vehicle detection and capture
- Support smoke and fire detection as well as smart motion detection
- Auto tracking and perimeter protection based on deep learning
- Intelligent analysis: intrusion, single line crossing, double line crossing, loitering, wrong-way, illegal parking and people counting
- True WDR, 3D DNR, ICR, Defog and Anti-shake
- Smart IR distance up to 200m
- Supports heated glass for defogging , IP66

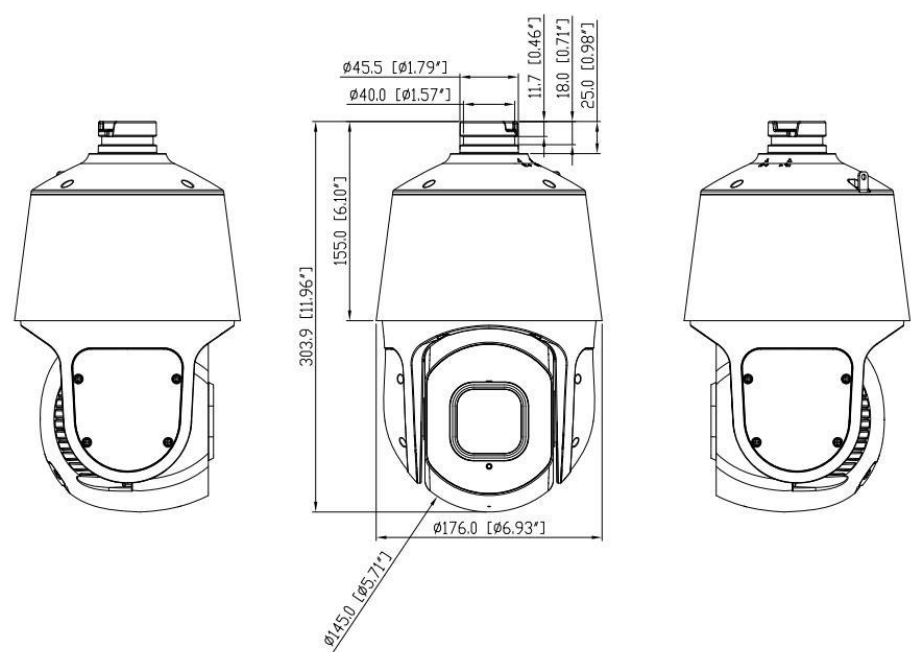
Specification

Camera				
Image Sensor	1/2.8” Progressive Scan CMOS			
Max. Resolution	2592(H) × 1944(V)			
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000s			
Min. illumination	Color: 0.05 Lux @ (F1.6, AGC ON), B/W: 0.02 Lux @ (F1.6, AGC ON), 0 Lux with light			
Day & Night	Auto (ICR)			
Lens				
Focal Length	5.3 to 159 mm			
Max. Aperture	F1.6 to F4.4			
Angle of View	H: 56.3° to 2.5°, V: 42.3° to 1.9°			
Optical Zoom	30x			
Digital Zoom	16x			
Iris Control	Auto/Manual			
Focus Control	Auto/Manual/Semi-automatic			
DORI				
Lens	Detect	Observe	Recognize	Identify
Wide	104m (341.2ft)	41.6m (136.5ft)	20.8m (68.2ft)	10.4m (34.1ft)
Tele	3,120m (10,236.2ft)	1,248m (4,094.5ft)	624m (2,047.2ft)	312m (1,023.6ft)
Illuminator				
Illuminator Type	IR			
Illumination Distance	IR distance up to 200 m (656.2 ft)			
Illumination On/Off Control	Auto/Manual			
PTZ				
Pan/Tilt Range	Pan: 0° to 360° endless, Tilt: -15° to +90°			
Pan Speed	Pan speed: 0.1° to 180°/s, preset speed: 180°/s			
Tilt Speed	Tilt speed: 0.1° to 90°/s, preset speed: 90°/s			
Presets	400			
Patrol Scan	6 Track, 12 Scan, 12 Patrol (up to 32 presets each patrol)			

Power-Off Memory	Support
3D Positioning	Support
PTZ Status Display	Support
Idle Motion	The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can be run.
Video	
Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 2592×1944, 2592×1520, 1920×1080, 1280×720 @25/30fps Stream2: D1, VGA, CIF @25/30fps Stream3: VGA, CIF, QVGA @25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 200kbps to 12Mbps Stream2: 100kbps to 6Mbps Stream3: 100kbps to 3Mbps
Smart Encoder	Support
Region of Interest (ROI)	Support
Audio	
Compression	G.711: 64Kbps, RAW_PCM: 128Kbps
Image	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation
Mirror	Support
Exposure Mode	Auto/Manual
White Balance	Auto/Manual
Day/Night Setting	Auto, Day, Night, Time
Noise Reduction	2D/3D DNR
Image Enhancement	HLC, BLC, Defog, Anti-shake
Wide Dynamic Range	True WDR
S/N Ratio	55dB
Motion Detection	Support
Privacy Masking	Support 40 zones, mask color configurable
Smart Function	
Multi-Object Detection	Support face, human, vehicle detection and capture
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way, Illegal parking, Smart motion detection (support the accurate detection of vehicle and human)
Smoke and Fire Detection	Support

People Counting	Support
Smart Tracking	Support
Network	
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP/Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS
Interoperability	ONVIF, SDK, CGI
Streaming Method	Multicast
Max. User Access	10 Users
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English
Interface	
Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch Input, 1ch Output
Alarm Interface	2ch Input, 2ch Output
SD Card Slot	Built-in, up to 1TB
Reset Button	Support
Electrical	
Power Supply	24VAC/36VDC/PoE+ (IEEE 802.3at), Standard Equipped: 36VDC
Power Consumption	Less than 24W
Operating Temperature	-40°C to 60°C (-40°F to 140 °F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66, TVS4000V
Certifications	CE/FCC
Casing	Metal
Dimensions	φ176.0 × 303.9mm (φ6.93 × 11.96 inch)
Net Weight	4 Kg (8.82 lb)

Dimensions (mm)



Accessories

Optional:



SN-CBK504A
Wall Bracket



SN-BK348A
Ceiling Bracket



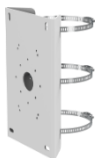
SN-BK605
Corner Mount



SN-BK604B
Pole Mount



SN-BK367
Junction Box



SN-BK359
Pole Mount



SN-BK358
Corner Mount